

CLAIMS

- 1) Electronic device (KINTEC KODU -1) of compact design and construction for supervising a specific area, characterized in that the above device a) collects raw data from external sensors, which do not have their own onboard decision logic and produce (the sensors) an analogue electric signal depended on the monitored parameters, b) processes and c) transmits data from a specific area, which it supervises to an information collection system located at a long distance from the supervised area, wherein the electronic device comprises an electronic printed circuit which integrates: a) an interface for the connection to external analogue and by-stable sensors and b) processing means, where the decision logic of a combination or all of –infra Red motion, power network R-S-T phases presence, temperature, water presence, status of doors (open/closed), battery voltage, smoke presence, generator status (running or not) and air condition- external sensors is integrated, which (the processing means) collect, compare and combine data from the external sensors, wherein the electronic device integrates on the electronic printed circuit two or more additional independent relay circuits serving the signaling needs and wherein it is designed for use in the antenna shelters of mobile telephony.
- 2) Electronic device as claimed in claim 1 characterized in that the electronic printed circuit is placed in an enclosure consisting of a base, with four side walls and a detachable cover and is made of a material providing safety to the staff, protection from environmental elements and electromagnetic shielding from and to the environment, wherein the case contains: a) openings at the sidewalls to allow passage and mounting of the circuits connecting cables at the internal part of the case with external

peripheral devices, b) metallic supports for mounting the electronic printed circuit on the receptacle base, c) metallic duct in the case base for driving and protection of the power cable, d) grounding posts for electromagnetic and safety grounding, e) a grounding post on the 5 detachable cover, connected with the grounding of the main body for complete electromagnetic shielding and safety, f) a special metallic base for battery mounting and support, g) points of support of the transformer, h) metal strips welded on the external surface of the main body of the case base (290X76 mm) with openings for side mounting of the device in 10 racks.